



PLANNING & DEVELOPMENT DEPARTMENT

STATEMENT OF FINANCIAL INTEREST

SUP-15027

Case Number: _____ APN: 163-04-401-002

Name of Property Owner: Steven Portnoff

Name of Applicant: Steven Portnoff

To the best of your knowledge, does the Mayor or any member of the City Council or Planning Commission have any financial interest in this or any other property with the property owner, applicant, the property owner or applicant's general or limited partners, or an officer of their corporation or limited liability company?

_____ Yes

_____ X _____ No

If yes, please indicate the member of the City Council or Planning Commission who is involved and list the name(s) of the person or persons with whom the City Official holds an interest. Also list the Assessor's Parcel Number if the property in which the interest is held is different from the case parcel.

City Official: _____

Partner(s): _____

APN: 163-04-401-002

Signature of Property Owner: Steven Portnoff

Print Name: STEVEN PORTNOFF

Subscribed and sworn before me

This 26 day of June, 2007

[Signature]
Notary Public in and for said County and State



[illegible]

STEVE PORTNOFF RESIDENCE
D'BANNON AVENUE AND LISA LANE
CITY OF LAS VAGAS
SITE PLAN

		ENGINEER'S SEAL	SCALE 1"=20'	SHEET NUMBER 10 of 1	JOB NUMBER
--	--	-----------------	-----------------	-------------------------	------------



FLOOD ZONE DESCRIPTION:
THIS SITE IS LOCATED IN ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 100 ANNUAL CHANCE FLOOD PLAIN FOR THE FLOOD INSURANCE RATE MAP COMMUNITY PANEL, DIRECTOR'S E & OLANE COUNTY, NEWARK DATED SEPTEMBER 27, 2006.

LEGAL DESCRIPTION:
A TRACT OF LAND SITUATED IN THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 16, TOWNSHIP 31 NORTH, RANGE 16 EAST, ASHOKA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
LOT 7 AS SHOWN BY MAP THEREON ON FILE IN FILE NO. OF PARCEL MAPS, PAGE 31, OFFICIAL RECORD, CLARK COUNTY, MINN.

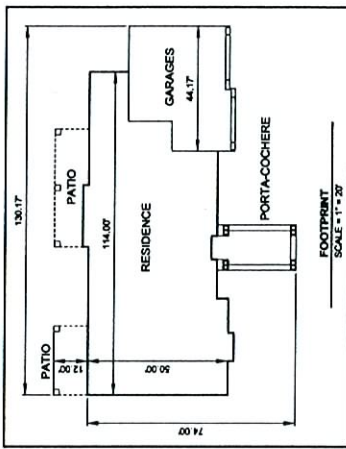
BASIS OF BEARINGS:
SOUTH 89° 59' 57" WEST, BEING THE CENTRILINE OF A PORTION OF CHANDLER DRIVE AND THE NORTH LINE OF SOUTH 89° 59' 57" WEST, BEING THE CENTRILINE OF A PORTION OF CHANDLER DRIVE AND THE NORTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 14, TOWNSHIP 21 NORTH, RANGE 6 EAST, N.D.M., AS SHOWN BY MAP IN THE OFFICE OF THE CLARK COUNTY, WYOMING, RECORDER IN FILE #1, PAGE 31 OF PHYSICAL MAPS.

OWNER / DEVELOPER

STEVEN PORTNOFF
1328 RADCLIFF DRIVE
LAS VEGAS, NEVADA 89114-3025

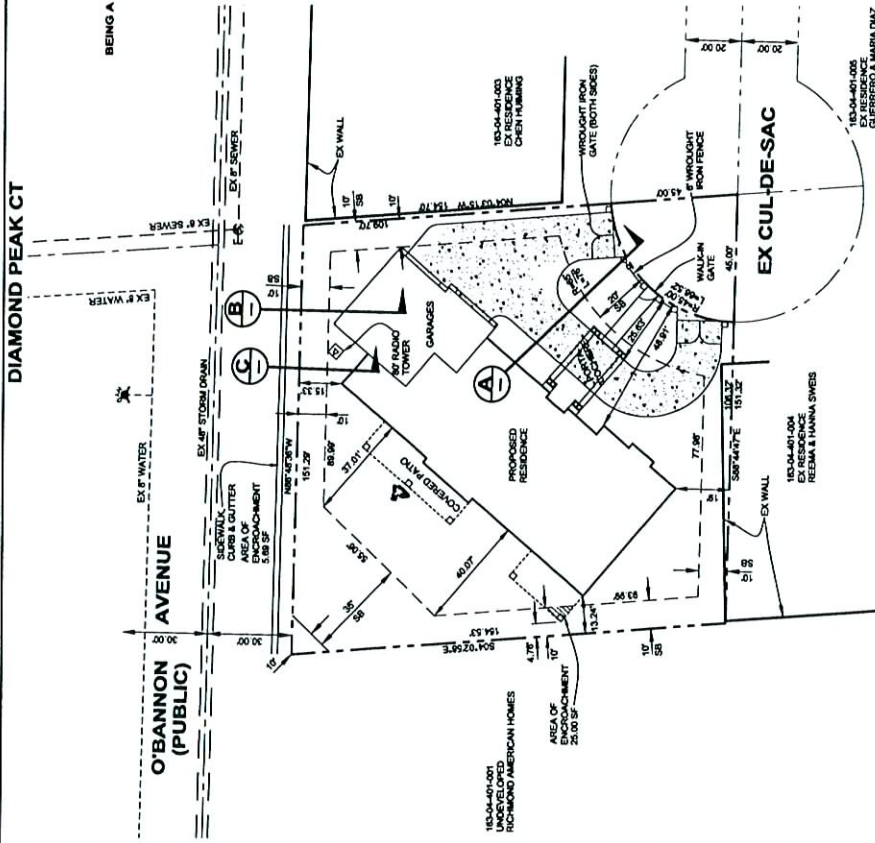
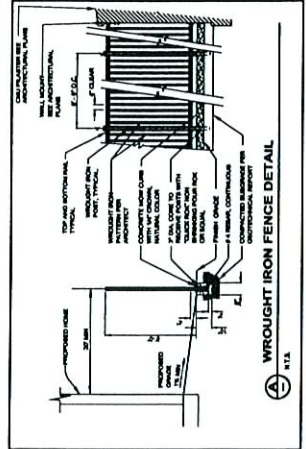
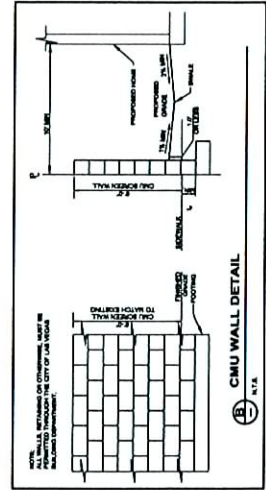
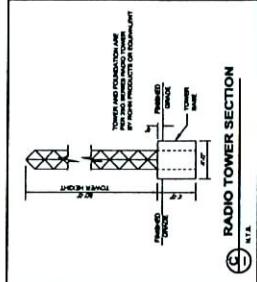
SUP-15027

REVISED
12/21/06 PC



LOT DATA

APN NUMBER: 183-04-001-008
LOT SIZE: .43 ACRES
CITY OF LAS VEGAS ZONING: UPG - UNDEVELOPED URBAN
METRAGE: STANDARD
REAR = .27 FOOT-DEACJ
SIDE = .16



December 15, 2006

Doug Rankin
City of Las Vegas Planning & Development
Planning Manager

Re: SUP 15027

Doug,

It was a pleasure to meet with you, your technical advisors, and Mr. Jim Lewis, from the City Attorney Office. I believe a great deal was accomplished today.

During our meeting, your communication experts concluded a crank up style tower would not work for my application. Furthermore, a 60ft. guyed tower would be the right choice. As I look around my neighborhood I find a good mix of one and two story homes. The heights of these homes are approaching 40ft. and the grammar school appears to top 40ft. with two towers antennas, and rotator.

In today's meeting, I think this is our new direction.

The Amateur radio tower will be a Rohn 18" tri-angle design, and not 36" tri-angle design.

The tower height will be 60ft. and not 80ft.

The 3-Mosley HF yagi antennas will be replaced with a single, 4-Element + Options Kit Steppir 40 meter thru 6 meter design. This will greatly reduce the visual clutter in the air, and help with the aesthetic considerations.

The tower will be moved, an additional 30ft., in a southwest direction. This should keep it in my yard, if it should unexpectedly come down. Public safety is always a concern, of the Amateur Radio Operator.

Yours truly,


Steven Portnoff
1335 Radwick Drive
Las Vegas, Nevada 89110

RECEIVED

DEC 18 2006

SUP-15027

12/21/06 PC



DEPARTMENT OF THE ARMY

MILITARY AFFILIATE RADIO SYSTEM

STATION LICENSE



AAT9DZ

The licensee, STEVEN PORTNOFF has agreed to operate the MARS Radio Station licensed herein in accordance with all the governing rules and regulations now or hereafter prescribed by the Chief, Military Affiliate Radio System, Department of the Army. This license shall remain valid until 14 FEBRUARY 2011 unless sooner modified or revoked for cause.

By Authority of the Secretary of the Army

Issued this 14TH day of AUGUST 2006

Larry Harwin
Chief, Army Military Affiliate Radio System



**York County
Office of Emergency
Management**



**AMATEUR RADIO
EMERGENCY SERVICE**

Radio Amateur Civil Emergency Service

Name/Call: **Steven Portnoff KD7LVX**

Expires: **10 Nov 2008**

Issued By: *Charles Allen AASE*
RACES Officer

Name/Call: **Steven Portnoff KD7LVX**

Expires: **10 Nov 2008**

Issued By: *Charles Allen AASE*
ARES Emergency Coordinator

The holder identified hereon is a member in good standing of the Amateur Radio Emergency Service® (ARES®) sponsored by the American Radio Relay League, Inc., a licensed Amateur Radio Operator and a trained emergency communicator, volunteering personal time, skill and equipment to serve in the public interest.

Steven Portnoff
ARES Member's Signature

The holder identified hereon is a licensed Amateur Radio Operator who voluntarily provides local government with additional communications capability in time of emergency.

Steven Portnoff
RACES Member's Signature

**SUP-15027
12/21/06 PC**

Office of Emergency Management
Clark County, Nevada

CERTIFICATE OF APPOINTMENT

By virtue of the authority vested in me by the Clark County Board of Commissioners,
I do hereby appoint:

STEVEN D. PORTNOFF - KD7LVX

as

Races Member


of and for the

Clark County Radio Amateur Civil Emergency Services

effective this date, to exercise the duties as defined for this Office
for the term established

January 31, 2002

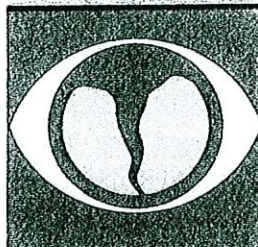
Date


Emergency Management Manager,
County of Clark, Nevada



Phone ~~740112~~ 263-9744

U. S. DEPARTMENT OF COMMERCE/National Oceanic and Atmospheric Administration
National Weather Service



Name STEVEN PORTNOFF

Address 7809 RIVIERA BEACH DR.
LAS VEGAS, NV. 89128

Code Number LV-47

Primary Agency.

Alternate Agency u

SKYWARN SPOTTER

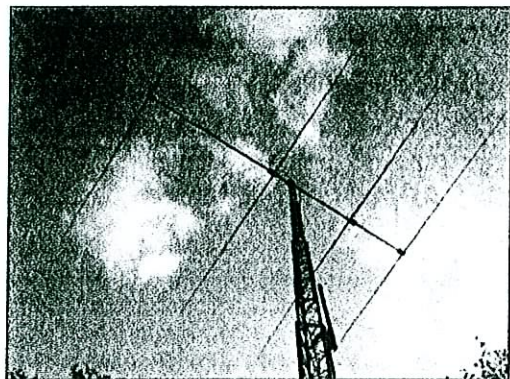
SUP-15027
12/21/06 PC

SteppIR™

Yagi • Dipole • Vertical

(Patented)

The Most Powerful Multi-Band Antenna in the World!



7.0 - 54 MHz Continuous Coverage

100 MPH Wind Rating

Rated to 3000 Watts Key Down

Switch Directions 180° in 3 seconds

**Simultaneous Gain in
Opposite Directions**

Unequaled Gain and Front-to-Back!

Quick and easy assembly

**Cycle Tested 2 Million Band Changes
Without a Failure**

**Elements are Remotely Adjusted
from the Ham Shack**

Introducing the MonstIR 4 Element Yagi

*Mono-Band Performance on 40m, 30m, 20m, 17m, 15m, 12m, 10m, 6m
and Every Single Frequency in Between!*

www.steppir.com

Fluidmotion Antenna Systems 23831 S.E. Tiger MT. RD.

Issaquah, WA 98027

Tel: 425.391.1999

Fax: 425.391.8377

**SUP-15027
12/21/06 PC**

Currently, most multi-band antennas use traps, log cells or interlaced elements as a means to cover several frequency bands. All of these methods have one thing in common—they significantly compromise performance. The SteppIR™ antenna system is our answer to the problem. Resonant antennas must be made a specific length to operate optimally on a given frequency.

So, instead of trying to “trick” the antenna into thinking it is a different length, or simply adding more elements that may destructively interact, why not just change the antenna length? Optimal performance is then possible on all frequencies with a lightweight, compact antenna. Since the SteppIR can control each element length, a long boom is not needed to achieve near optimum gain and front to back ratios on 40 - 10 meters. On 6 meters, an optional passive element is available that creates a long boom 6 element yagi.

Each antenna element consists of two spools of flat copper-beryllium strip conductor mounted in the antenna housing. The strips are perforated to allow a stepper motor to drive them simultaneously with a sprocket. Stepper motors are well known for their ability to index very accurately, thus giving very precise control of the antenna length. In addition, the motors are brushless and provide extremely long service life. The copper-beryllium strip is driven out into hollow, lightweight



SteppIR Microprocessor Based Controller

fiberglass support elements (the support elements stay extended), forming an element of any desired length up to 70' long.

The antenna is easy to assemble, and can be installed in weekend.

The antenna is connected to a microprocessor-based controller (via 22 gauge conductor cable) that offers numerous functions including dedicated buttons for each ham band, continuous frequency selection from 40m to 6m, 17 ham and 6 non-ham band memories, 180° direction reversal (allows you to switch directions of the Yagi 180° in 2.5 seconds) or bi-directional mode (simultaneous gain in opposite directions).

MonstIR Gain and Front-to-rear:

Notes: Gain and front-to-rear figures are shown in free space. Front to rear measurement is the worst case scenario, front-to-back is merely the measurement 180° from the forward direction, which is rarely the worst case.

Specifications	•	Monstir
Weight	•	215 lb / 98 kg
Max. Wind Surface Area	•	23.9 ft ² / 2.22 m ²
Wind Rating	•	100 MPH EIA-222-C
Longest Element	•	70 feet / 21.54 m
Power Rating	•	3000 W CW
Boom Length	•	34 ft / 10.4 m
Boom Diameter	•	2.75-2.5 in 7 - 6.4 cm
Frequency Coverage	•	40m - 6m Continuous
Turning Radius	•	39.7 ft / 12.22 m
Cable Requirements (shielded)	•	16 conductor 22 AWG
Tuning Rate	•	1.33 ft / sec .410 m / sec
Balun Included?	•	Yes

Band	Gain dBi	*Front to Rear dB
40m	7.8	25
30m	8.2	20
20m	9.5	21
17m	10.0	20
15m	10.2	27
12m	10.4	21
10m	10.6	11
6m*	13.0	30

*With optional passive element kit

SUP-15027
12/21/06 PC

KATHREIN SCALA DIVISION

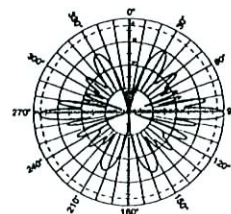
SL11-915/DT2 Omnidirectional Antenna

The Kathrein-Scala SL11-915/DT2 Paraslot antenna is specifically designed for spread spectrum systems and other applications in the 902–928 MHz ISM band, featuring high gain and an offset omnidirectional pattern.

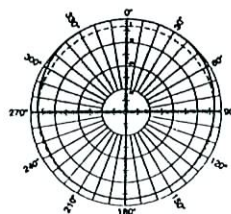
The H-polarized SL11-915/DT2 provides isolation from co-channel and adjacent-channel V-polarized signals. The Kathrein-Scala Paraslot design used in these antennas has earned a reputation for high performance and reliability in thousands of low-power UHF-TV broadcast transmission systems during the past 25 years.

Specifications:

Frequency range	902–928 MHz
Gain	11.4 dBd (maximum)
Impedance	50 ohms
VSWR	< 1.35:1
Polarization	Horizontal
Maximum input power	300 watts (at 50°C)
H-plane beamwidth	5.8 degrees (half-power)
Electrical downtilt	2 degrees (other values optional)
Connector	N female
Weight	26 lb (11.8 kg)
Height	180.25 inches (4578 mm)
Diameter	2.375 inches (60 mm)
Equivalent flat plate area	2.97 ft ² (0.276 m ²)
Wind survival rating	100 mph (161 kph)
Shipping dimensions	192 x 7 x 6 inches (4877 x 178 x 152 mm)
Shipping weight	95.0 lb (43.1 kg)
Mounting	Mounting kits are available for attachment to a flat vertical surface or to masts with 2.375 to 3.5 inch (60 to 89 mm) OD. <i>Kathrein Scala Division recommends that this antenna be secured from the top in addition to the standard bottom mounting. Contact Kathrein Scala Division Engineering for assistance.</i>



H-plane
Vertical pattern
H-polarization



E-plane
Horizontal pattern
H-polarization

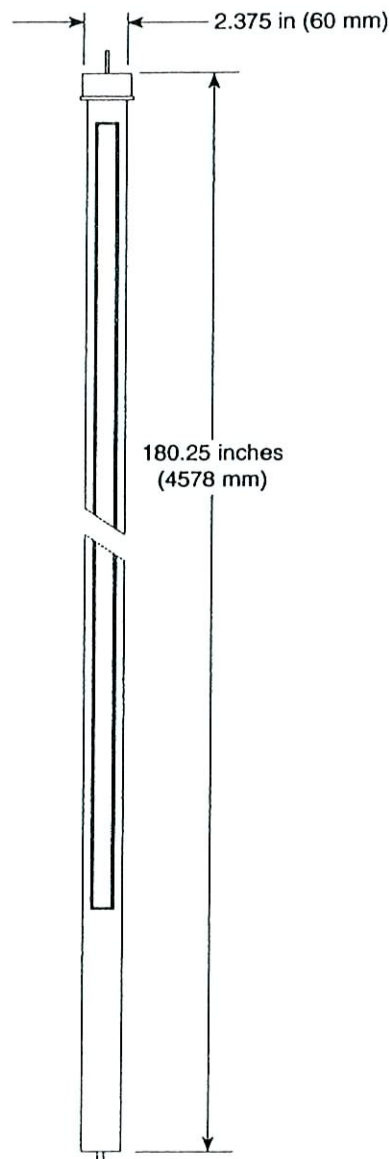
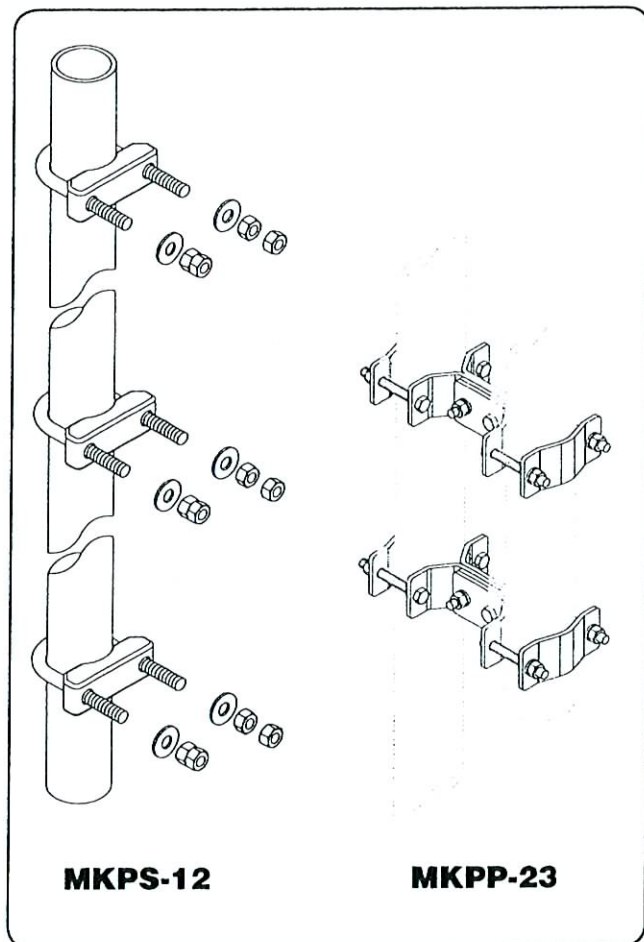
PARASLOT is a registered trademark of Kathrein Inc., Scala Division.



10059-G



SUP-15027
12/21/06 PC



Mounting Options:

Model	Description
MKPS-12 (shown)	Mounting Kit for mounting to a flat plate
MKPP-23 (shown)	Mounting Kit for 2.375 to 3.5 inch (60 to 89 mm) OD mast.
MKGK-1	Guy Kit
MKSK-1	Spreader Kit

Order Information:

Model	Description
SL11-915N/DT2	Antenna with N connector for spread spectrum systems.

SUP-15027
12/21/06 PC

All specifications are subject to change without notice. The latest specifications are available at www.kathrein-scala.com.

[Home](#) [About WB0W](#) [Catalog](#) [Contact Us](#) [Ham Links](#) [Returns](#) [Specials](#) [Vendors](#)
[Hamfests](#)

Rohn 55G Guyed Tower



55G Midsection.....

The Rohn 55G tower is an extra heavy duty 18" face triangular design using 1.5" steel side rails and solid steel 7/16" cross bracing. Middle sections measure 10 feet long. Sections fit together with a double bolt joint for strength. The tower is designed to use three guy points spaced 120 degrees apart, with anchors set out from the tower 80% of the tower height. All 55G tower sections and optional accessories have a hot dipped galvanized finish to assure years of trouble-free service. Sections are supplied with galvanized nuts and bolts.

55G Accessories

3/4X12PP Pier Pin
 AS455G Rotor Shelf
 BPC55G Base Plate
 BPL55G Bearing Plate
 EP25345 Equalizer Plate- 3 Hole
 EP25345 Equalizer Plate- 5 Hole
 GA55GD Guy Assembly
 GAR30 Concrete Anchor
 GAC3455 Guy Anchor
 HBU Universal House Bracket
 SB55G Short Base Section
 TB3 Thrust Bearing- 2"
 TB4 Thrust Bearing- 3"
 TA55 Torque Assembly

DANGER

No Tower is self supporting during construction! Always use temporary guys on the top most section, and install permanent guy wires as soon as a guy point height is reached.

WB0W

WB0W

WB0W, Inc., 2002.

Website design & Maintained by WB0VRD, email bill@wb0w.com

SUP-15027
12/21/06 PC

12/15/2006 4:22 J

[Home](#) [About WBØW](#) [Catalog](#) [Contact Us](#) [Ham Links](#) [Returns](#) [Specials](#) [Vendors](#)
[Hamfests](#)

SB55G

The Rohn SB55G is a short base section for 55G tower. Hole size is 3 feet square by 4 feet deep.



WBØW

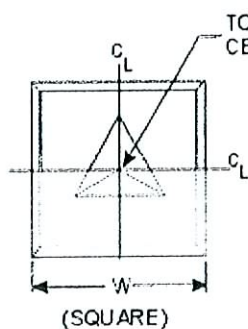
WBØW

WBØW, Inc., 2002.

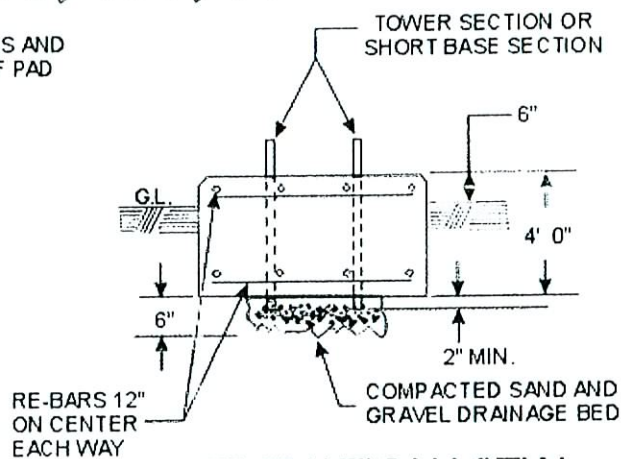
Website design & Maintained by WBØVRD, email bill@wb0w.com

SUP-15027
12/21/06 PC

FOUNDATION DETAILS FOR 25G, 45G, 55G



PLAN VIEW



ELEVATION VIEW

TOWER NO.	OVER-TURNING MOMENT FOOT POUNDS	MAX. ALLOW. SHER POUNDS	W	CONCRETE REQUIRED CU. YDS.
25G	6,800	700	4' 0"	2.4
45G	12,800	1,600	5' 3"	4.1
55G	22,900	1,600	6' 0"	5.3

**SUP-15027
12/21/06 PC**



SUP-15027 - APPLICANT/OWNER: STEVEN PORTNOFF
SOUTH SIDE OF O'BANNON DRIVE, APPROXIMATELY 140 FEET WEST OF LISA LANE
DECEMBER 21, 2006 PLANNING COMMISSION

07/24/06



SUP-15027 - APPLICANT/OWNER: STEVEN PORTNOFF
SOUTH SIDE OF O'BANNON DRIVE, APPROXIMATELY 140 FEET WEST OF LISA LANE
DECEMBER 21, 2006 PLANNING COMMISSION

07/24/06